

Curriculum Vitae

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Apr. 2009 to Mar. 2011 Graduate School of Pharmaceutical Sciences, University of Shizuoka, Shizuoka, Japan. (M. Sc.)

Apr. 2005 to Mar. 2009 School of Pharmaceutical Sciences, University of Shizuoka, Shizuoka, Japan. (B. Sc.)

Job/Research Experience:

May 2014 to present Research Assistant Professor, Department of Neurophysiology, Graduate Division of Pharmaceutical Sciences, University of Shizuoka

Apr. 2011 to Mar. 2014 Researcher, Mochida Pharmaceutical CO.,LTD.

Publications:

1. Yuki Fujise, Mitsuyasu Kubota, Miki Suzuki, Haruna Tamano, Atsushi Takeda: Blockade of intracellular Zn^{2+} signaling in the basolateral amygdala affects object recognition memory via attenuation of dentate gyrus LTP. *Neurochem. Int.*, in press.
2. Atsushi Takeda, Miki Suzuki, Munekazu Tempaku, Kazumi Ohashi, Haruna Tamano: Influx of extracellular Zn^{2+} in the hippocampal CA1 is required for cognitive performance via CA1 long-term potentiation. *Neuroscience*, 304, 209-216 (2015)
3. Miki Suzuki, Yuki Fujise, Yuka Tsuchiya, Haruna Tamano, Atsushi Takeda: Excess influx of Zn^{2+} into dentate granule cells affects object recognition memory via attenuated LTP. *Neurochemistry International*, 87, 60-65 (2015)
4. Haruna Tamano, Kotaro Fukura, Miki Suzuki, Kazuhiro Sakamoto, Hidehiko Yokogoshi, Atsushi Takeda: Advantageous effect of theanine intake on cognition. *Nutri. Neurosci.*, 17, 279-283 (2014).
5. Haruna Tamano, Kotaro Fukura, Miki Suzuki, Kazuhiro Sakamoto, Hidehiko Yokogoshi, Atsushi Takeda: Preventive effect of theanine intake on stress-induced impairments of hippocampal long-term potentiation and recognition memory. *Brain Res. Bull.*, 95, 1-6 (2013).
6. Atsushi Takeda, Miki Suzuki, Haruna Tamano, Shunsuke Takada, Kazuki Ide, Naoto Oku: Involvement of glucocorticoid-mediated Zn^{2+} signaling in attenuation of hippocampal CA1 LTP by acute stress. *Neurochem. Int.*, 60, 394-399 (2012).
7. Atsushi Takeda, Haruna Tamano, Miki Suzuki, Kazuhiro Sakamoto, Naoto Oku, Hidehiko Yokogoshi: Unique induction of CA1 LTP components after intake of theanine, an amino acid in tea leaves and its effect on stress response. *Cell. Mol. Neurobiol.*, 32, 41-48 (2012).
8. Atsushi Takeda, Shunsuke Takada, Masatoshi Nakamura, Miki Suzuki, Haruna Tamano, Masaki Ando, and Naoto Oku: Transient increase in Zn^{2+} in hippocampal CA1 pyramidal neurons causes reversible memory deficit. *PLoS One*, 6, e28615 (2011).
9. Atsushi Takeda, Shunsuke Takada, Masaki Ando, Kosuke Itagaki, Haruna Tamano, Miki Suzuki, Haruka Iwaki, Naoto Oku: Impairment of recognition memory and hippocampal long-term potentiation after acute exposure to clioquinol. *Neuroscience*, 171, 443-450 (2010).
10. Atsushi Takeda, Miki Suzuki, Haruna Tamano, Masaki Ando, Naoto Oku: Differential effects of zinc influx via AMPA/kainate receptor activation on subsequent induction of hippocampal CA1 LTP components. *Brain Res.*, 1354, 188-195 (2010).
11. Atsushi Takeda, Haruka Iwaki, Masaki Ando, Kosuke Itagaki, Miki Suzuki, Naoto Oku: Zinc differentially acts on components of long-term potentiation at hippocampal CA1 synapse. *Brain Res.*, 1323, 59-64 (2010).